	Date:
E	Experiment No. 4.
Aim:- Interf Using	-acing of two different network Router?
Theory:-	
* Router	
A router is	an clectronic device that
I intertainment	C FUR AN MONE COMPUTER
100/-1-101/4/20	l Relactively interchanges
	- 1.1. 1-21.1e212
data Packet	contains a and to since at
that router	1 can use to AFECTION Same netwo
5041(e & d	estination are on sa partet must be transferm
train and	network to another where
Multiple	Network to anounce large Youters are used in large
Calle Ction	OF INFOTOUTH
$\  \sqrt{2}     +   +   +   +   +   +   +   +   + $	hange cartage cal
router Cah	fem addresses so time shows build up a table shows to be tween only to
the Prefer	butid up a bable show ted paths between any to the interconnected metwork
System oh	£5P 1011 (1.60)
networks.	
L	

	Date:
	* Gate way
	In Communication of hetwork
	another and
	The state of the s
	Just Way park and a day Cet Sych
	Training that
	to hver love ele
	System interoperability.
	Procedure:
	project isto packet traler a creation
	Dopen Cisco packet tracer & execute new project using "Ctrl + N".  Drug & drop some pcs from End devicer  Drug & drop some pcs from 29/1)
	from (Royters) category onto warkgale
	from 11 Routers of category onto warkgale
	& switch (e.g. Switch -PT) From
	eswitch (e.g. Switch -PT) from
	@ connect the devices.
	USP Connect too 1 to connet PCS WIFE
	Switches & connect both Switches with
	Wonnect the devices.  USP Connect tool to connet pas with  Switches & connect both Switches with  Youth to giga Ethernet.
	(5) Assign Ipp address.
	offer of a fice (i=)) of Give To
	( lift on pe -) (ontig ) give to
	· PCs.  Click on PC > "Contig" > ) Give IP  addresss (Note: Different Network having  different series of IP addresse).
_/	district series of It states.

Date:
© Enable Routing  Configure the router to enable routing between the two different networks  for configure static routes  # enable  # IP address 192.168.20.255,255.0
Router Interface: - FiguEtherolo - ID address - D 192.168.11  Router Interface: - GiguEtheroll - IP address - J 192.168.21  (7) Save the Configuration & Save Procept
(8) Verity the Connectivity between the two networks by pinging devices from different networks.  (onclusion: - Successfully interfaced two different networks using a router.
ATTENENT METWOTKS USING 4 TOTALLY

